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|  | www.teknos.com | | |
| PRODUCT NAME 02 03.05.2017 | Teknoheat 1179-01 | | |
| PRODUCT DESCRIPTION | Siliconresin | | |
| INTENDED USE | Topcoat for metals with tested corrosions protection. | | |
| SEICIAL CHARACTERISTICS OF THE COATING | Teknoheat 1179-01 has a tested resistance according to customers specification. | | |
| TECHNICAL DATA | | | |
| Solid content | Approx. 67 by weight.-% Approx. 47 by volume.-% | | |
| Density | 1,5 g/cm ³ | | |
| Volatile organic compound (VOC) | Approx. 440 g/l | | |
| Recommended film thickness and theoretical spreading rate | dry film (µm) | wet film (µm) | Theoretical spreading rate (m ² /kg) |
| | 25-30 | 60-80 | 10,6 |
| | As many of the paint's properties will change if too thick coats are applied, it is not recommended that the product is applied to a film thickness that is more than double of the thickest recommended film. | | |
| Practical spreading rate | The values depend on application technique, surface conditions, overspray, etc. | | |
| Drying time, +23°C / 50 % RH (dry film thickness 30 µm) | | | |
| - drying condition | 230-250°C – min 15- 20 minutes | | |
| Diluent / thinner | Teknosolv 6740-30 | | |
| Cleaning of equipment | Teknosolv 6740-30 | | |
| Gloss | Glossy | | |
| Colorshades | Palmaweiß, justusbeige, beige | | |
| SAFETY MARKINGS | See Material safety data sheet | | |
| DIRECTION FOR USE | | | |
| Surface preparation | Remove from the surface any contaminants that might be detrimental to surface preparation and coating. Remove also water-soluble salts by using appropriate methods. The place and time of the preparation are to be chosen so that the prepared surface will not get dirty or damp before the subsequent treatment. | | |
| Application conditions | The surface to be painted must be dry and the relative air humidity below 80%. During the application and drying period the temperature of the ambient air and the surface shall be at least above -5°C and the temperature of the paint must be at least 3°C above the dew point of the ambient air. | | |
| Application | Before use stir the paint thoroughly. Apply the paint with brush, conventional spray or airless spray. Airless spray nozzle 0,009-0,011- 0,013. Before use clean the spray gun and paint vessels with the paint's own thinner. | | |
| ADDITIONAL INFORMATION | The storage stability is shown on the label. Store in a cool place and in a tightly closed can. Additional information about the surface preparation can be found in EN ISO 12944-4 and ISO 8501-2 | | |

The information on this data sheet is normative and based on laboratory tests and practical experience. Teknos guarantees that the product quality conforms to our quality system. Teknos accepts, however, no liability for the actual application work, as this is to a great extent dependent on the conditions during handling and application. Teknos accepts no liability for any damage resulting from misapplication of the product. This product is intended for professional use only. This implies that the user possesses sufficient knowledge for using the product correctly with regard to technical and working safety aspects. The latest version of Teknos data sheets, material safety data sheets and system sheets are on our homepage www.teknos.com.